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(54) Title: FLOW THROUGH ISOLATION VALVE FOR HIGH PRESSURE FLUIDS

(57) Abstract: A flow through isolation valve having a stationary member; a movable member, with a surface of the stationary member interfacing with a surface of the movable member; and at least one pin isolation valve. The pin isolation valve has a flow through internal conduit and is movable so that the internal conduit can fluidically communicate with at least one blank opening in the movable member and with a flow through internal conduit in the movable member. Movement is by rotation, linear or curvilinear translation. At least one pin isolation valve is fluidically coupled typically to a sample loop of a face seal valve, or to a pump supplying high pressure liquid to or to a column discharging liquid from a face seal valve of a high pressure liquid chromatography (HPLC) system or directly to the face seal valve.



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